

USWAG CCR Workshop
 May 22 – 23, 2018
 Embassy Suites Convention Center
 Washington, DC



Tuesday, May 22, 2018	
7:00 am – 8:15 am	Registration & Continental Breakfast
8:15 am – 8:30 am	Welcome & Opening Comments
8:30 am – 9:00 am	Data Quality Assessment via Data Mining - Using Patterns in the Forest to Evaluate the Trees, Jennifer Gable, Rock Vitale, Environmental Standards, Inc.
9:00 am – 9:30 am	The Multiple Comparison Problem: What Is It and How Do We Deal With It? Kevin Solie, Basin Electric
9:30 am – 10:00 am	Alternative Source Demonstration with an Uncertain Groundwater Flow Direction Bob Glazier, Geosyntec, Ann Wearmouth, NRG
10:00 am – 10:30 am	BREAK
10:00 am – 10:30 am	Michigan-Based Approaches for Investigation and Development of Interim Management Strategies for Sites with Potentially Affected Groundwater Prior to State CCR Permit Program Approval Graham Crockford, TRC, Joseph Garavaglia, DTE Energy JR Register, Consumers Energy
10:30 am – 11:00 am	Methods for Faster and Less Expensive Alternatives to Standard Clean Close and Cap in Place Russell Stapp, GLEI
11:00 am – 11:30 am	CCR Ash Pond Closure in Place and Closure by Consolidation Case Study Shannon Bennett, Shane Harris, Nick McClung, TVA

11:30 am – 1:00 pm	LUNCH
1:00 pm – 1:30 pm	Colorimetric Analysis to Verify Bottom Ash Pond Closure by Removal Hugh Davies, Mark Bergeon, Golder Associates Bethany Swanberg, Consumers Energy
1:30 pm – 2:00 pm	Closure of CCR Impoundments and Effects on Groundwater Quality: Case Studies Stu Cravens, O'Brien & Gere
2:00 pm – 2:30 pm	Using Background Concentrations in the Absence of MCLs for Appendix IV Constituents: Challenges and Opportunities Ari Lewis, Gradient
2:30 pm – 3:00 pm	BREAK
3:00 pm – 3:30 pm	Dewatering a CCR Landfill Using a Horizontal Well. Ryan J. Baeten, Endpoint Solutions Corp., Leif Tolokken, Dairyland Power Cooperative
3:30 pm – 4:00 pm	How to Minimize CCR Landfill Leachate Management Issues Eric J. Nelson and Phillip E. Gearing, SCS Engineers
4:00 pm – 4:30 pm	TVA Approach to Regulatory Compliance for Static and Seismic Stability of CCR Ash Stacks Nicholas McClung, TVA, W. Allen Marr, Geocomp,
4:30 pm	ADJOURN FOR THE DAY
5:00 pm – 6:30 pm	RECEPTION
Wednesday, May 23, 2018	
7:30 am – 8:30 am	Continental Breakfast
8:30 am – 9:00 am	Repurposing of Ash Ponds Following Closure Gabe Lang, AECOM
9:00 am – 9:30 am	A Tale of Two Centers: CCR Ash Ponds Recalled to Use by Installing WW Treatment Units Paul Pike, Ameren
9:30 am – 10:00 am	Case History - Cover System Stormwater and Infiltration Water Design and Management Ken Daly, AMEC Foster Wheeler
10:00 am – 10:30 am	BREAK
10:30 am – 11:00 am	Use of a Bentonite Barrier Wall to Protect Water Resources at the Little Blue Run Disposal Facility Mark L. Orzechowski, Civil & Environmental Consultants
11:00 am – 11:30 am	Pilot and Laboratory Results of High Surface Area Media for Arsenic, Selenium and Chromium Treatment Paul Togna, Rick Petrosino, Kyle Unger, Madan Tandukar, Hyunshik Chang and Yu Yang, Envirogen

11:30 am – 12 :00 pm	Electrical Leak Detection of Landfill Liner Geomembranes – A Case Study Clay Reichert, GSE Environmental
12:00 pm – 1:30 pm	LUNCH
1:30 pm – 2:00 pm	Work Area Quantification – Linking Geotechnical Engineering with Field Operations Dale W. Evans, Sean Rome, Kate Whysner, RECON
2:00 pm – 2:30 pm	High-Volume Material Handling Capabilities and Innovative Logistics Coordination Enable Prompt Closure of Impoundment Danny Gray, Charah
2:30 pm – 3:00 pm	How can a Conceptual Site Model Reduces Financial Liability and Maximize Effectiveness of Your Corrective Action Plan Bill Ahlert & Mark Filardi, HDR
3:00 pm – 3:30 pm	BREAK
3:30 pm – 4:00 pm	Innovations in Bottom Ash Dry Handling Systems Michael Patscheck, Public Service New Mexico Steve Hibbard and Michael Roush, Burns & McDonnell
4:00 pm – 4:30 pm	Case History of Retrofitting Bottom Ash Basins to Meet the CCR Rules John M. Trast, GEI Consultants, Thomas Jansen and Robert Leigh, WEC Energy Group
4:30 pm	ADJOURNMENT

Workshop Location:

Embassy Suites by Hilton
Washington DC Convention Center
900 10th Street NW,
Washington, DC, 20001
202-739-2001

Room block rate: \$252 for single/double, plus 14.80% combined sales and occupancy tax. Please use this **link** to make your room reservation or call 202-739-2001, referencing the "USWAG CCR Workshop Room Block" prior to the **cut-off date of Friday, April 27, 2018.**

Check the [hotel website](#) for transportation options from the various Washington, DC area airports.

Registration Information:

USWAG Member - \$395

USWAG Affiliate - \$650

Non-Member - \$795

***Registration will close on Wednesday, May 16.** Please note full refunds will be given two weeks before the workshop minus a \$50 processing fee. **No refunds will be given after May 8.** Substitutions are permitted.

As part of the \$650 registration fee for USWAG Affiliates, they will have the opportunity to exhibit at the Workshop. Please select that option when registering online. Information regarding shipping details and setup for table-top exhibit materials will be emailed approximately two weeks out from the Workshop.

Use this **link** to register. You must have an account setup in EEI's netFORUM system. Please go to www.uswag.org, click on the green login button and then click on *Create an Account*. Once you've completed that task, email the USWAG Assistant, [Keviana Holmes](#) (202-508-5648), and she will ensure you're able to access the website meeting registration page.

Questions:

If you have any questions or concerns, please contact [Charnita Garvin](#) at 202-508-5654 and/or [Jim Roewer](#) at 202-508-5645.

USWAG was formed in 1978 and is an association primarily dedicated to assisting members in the management of wastes and the beneficial use of materials associated with the generation, transmission, and sale of electricity and natural gas. USWAG is comprised of over 130 individual utilities, energy companies, and energy trade associations. Together, USWAG members represent more than 85% of the total electric generating capacity of the U.S., and service more than 95% of the nation's consumers of electricity and over 93% of the nation's consumers of natural gas.